

AMENDED
APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF
NEVADA HERETOFORE APPROPRIATED

Date of filing in State Engineer's Office MAR 16 2006

Returned to applicant for correction MAR 30 2006

Corrected application filed APR 28 2006

Map filed MAR 23 1972 under 26626

The applicant **Homestretch Energy (Attn: Mr. Andrew Egbert)** hereby makes application for permission to change the **place of use** of water heretofore appropriated under **Permit No. 70402**

1. The source of water is **Geothermal Underground Source (Production Well No. 1)**
2. The amount of water to be changed **6.0 cfs – 3,099 acre feet per annum**
3. The water to be used for **Industrial and Domestic Purposes (Power Generation)**
4. The water heretofore permitted for **Industrial and Domestic Purposes (Power Generation)**
5. The water is to be diverted at the following point **NW¼ SW¼ Section 15 T15N, R25E, MDM or at a point from which the NW corner of said Section 15 bears N 0 degrees 54 minutes 30 seconds W, a distance of 3,156.90 feet Refer to map filed under Permit No. 26626**
6. The existing permitted point of diversion is located within **Proposed point of diversion is the same as the existing point diversion**
7. Proposed place of use **NE¼ and SW¼ Section 14; N½NW¼SW¼ and SE¼ Section 15; N½N½SE¼ and portions of N½N½SW¼ Section 16 lying east of Highway 95 all in T15N, R25E, MDM**
8. Existing place of use **N½NW¼SW¼ Section 15; N½N½SE¼ and N½NE¼SW¼ Section 16 lying east of Highway 95 all in T15N, R25E, MDM Refer to map filed under Permit No. 47586**
9. Use will be from **January 1 to December 31** of each year.
10. Use was permitted from **January 1 to December 31** of each year.
11. Description of proposed works **Water will be diverted from existing Geothermal Well #1, placed into distribution system for heat extraction and delivery to place of use for consumption.**
12. Estimated cost of works **Existing**
13. Estimated time required to construct works **Existing**
14. Estimated time required to complete the application of water to beneficial use **10 years**

15. Remarks: Water under this application will be utilized for cascading heat extraction purposes and consumed under secondary permits.

By s/ Michael D. Buschelman
Michael D. Buschelman
Post Office Box 51371
Sparks, Nevada 89435

Compared sc/gkl jt/ gkl

Protested _____

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the place of use of the waters of an underground geothermal source is issued subject to existing rights. It is understood that the amount of geothermal water herein granted is only a temporary allowance and that the final right obtained under this permit will depend upon the amount actually placed to beneficial use. The well shall be constructed and maintained to prevent any waste of the geothermal water above or below the surface.

The annulus of any well drilled under this permit shall be cemented from the top of the producing or injection interval to surface to prevent waste and to prevent any communication with fresh ground water. Only geothermal waters are to be diverted and consumptively used under this permit.

This permit does not relieve the operator of the requirements of any other state, local or federal agency. This permit does not extend the permittee the right of ingress or egress on public or private lands.

This permit allows for a total consumptive use of the geothermal water produced until it is determined that injection back to the reservoir becomes necessary for pressure support or to protect existing rights on the resource. The State Engineer may impose additional conditions regarding the consumptive use of geothermal water under this permit.

A quarterly report that documents daily reservoir temperatures and pressures, and the amount, temperature and pressure of water produced, injected and/or consumed, shall be filed under this permit not later than 30 days following the reporting quarter. Any exploration and subsurface information obtained as a result of this project shall be kept confidential pursuant to Chapter 534A.031 of the Nevada Revised Statutes (NRS).

The total combined consumptive use of geothermal water under Permits 47644, 73999, 74000, 74002, 74005 and 74007 shall not exceed 8,688 acre-feet annually.

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The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed 6.0 cubic feet per second, but not to exceed 3,099.0 acre-feet per year.

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before:

April 5, 2007

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before:

April 5, 2008

Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, TRACY TAYLOR, P.E.,

State Engineer of Nevada, have hereunto set

my hand and the seal of my office,

this 29th day of January, A.D. 2007

Tracy Taylor, P.E.
State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed N/A

Certificate No. _____ Issued _____